

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
	Total, All Occupations	57,223	61,111	3,888	6.8%	2,749	3,549	6,687			
11-0000	Management Occupations	3,836	4,141	305	8.0%	115	189	334			
11-1000	Top Executives	758	810	52	6.9%	17	45	67			
11-1011	Chief Executives	85	80	-5	-5.9%	2	3	5	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	651	707	56	8.6%	14	40	60	Bachelor's degree	5 years or more	None
11-1031	Legislators	22	23	1	4.6%	1	1	2	Bachelor's degree	Less than 5 years	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	237	256	19	8.0%	6	15	23			
11-2011	Advertising and Promotions Managers	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	70	74	4	5.7%	2	4	6	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
11-2031	Public Relations and Fundraising Managers	118	129	11	9.3%	3	7	11	Bachelor's degree	5 years or more	None
11-3000	Operations Specialties Managers	723	816	93	12.9%	18	39	66			
11-3011	Administrative Services Managers	74	81	7	9.5%	2	4	7	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	174	194	20	11.5%	3	10	15	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	305	363	58	19.0%	8	16	30	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	50	49	-1	-2.0%	1	2	3	Bachelor's degree	5 years or more	None
11-3061	Purchasing Managers	32	34	2	6.3%	1	2	3	Bachelor's degree	5 years or more	None
11-3071	Transportation, Storage, and Distribution Managers	n	n	n	n	n	n	n	HS diploma/equivalent	5 years or more	None
11-3111	Compensation and Benefits Managers	n	n	n	n	n	n	n	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	56	61	5	8.9%	1	3	4	Bachelor's degree	5 years or more	None
11-3131	Training and Development Managers	n	n	n	n	n	n	n	Bachelor's degree	5 years or more	None
11-9000	Other Management Occupations	2,118	2,259	141	6.7%	75	90	179			
11-9013	Farmers, Ranchers, and Other Agricultural Managers	447	435	-12	-2.7%	26	6	31	HS diploma/equivalent	5 years or more	None
11-9021	Construction Managers	92	100	8	8.7%	2	4	7	Bachelor's degree	None	Moderate-term OJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	53	58	5	9.4%	2	2	4	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Elementary and Secondary School	106	111	5	4.7%	3	5	8	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	275	293	18	6.6%	8	13	23	Master's degree	Less than 5 years	None
11-9039	Education Administrators, All Other	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
11-9041	Architectural and Engineering Managers	89	91	2	2.3%	2	4	6	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	114	124	10	8.8%	4	9	14	HS diploma/equivalent	Less than 5 years	None
11-9061	Funeral Service Managers	n	n	n	n	n	n	n	Associate's degree	Less than 5 years	None
11-9081	Lodging Managers	101	105	4	4.0%	4	7	11	HS diploma/equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	251	293	42	16.7%	7	13	24	Bachelor's degree	Less than 5 years	None
11-9121	Natural Sciences Managers	29	33	4	13.8%	1	2	3	Bachelor's degree	5 years or more	None
11-9131	Postmasters and Mail Superintendents	24	26	2	8.3%	1	1	2	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
11-9141	Property, Real Estate, and Community Association Managers	55	60	5	9.1%	2	2	4	HS diploma/equivalent	Less than 5 years	None
11-9151	Social and Community Service Managers	54	66	12	22.2%	2	3	6	Bachelor's degree	Less than 5 years	None
11-9161	Emergency Management Directors	n	n	n	n	n	n	n	Bachelor's degree	5 years or more	None
11-9199	Managers, All Other	406	439	33	8.1%	11	18	32	Bachelor's degree	Less than 5 years	None
13-0000	Business and Financial Operations Occupations	1,659	1,793	134	8.1%	52	103	168			
13-1000	Business Operations Specialists	1,057	1,136	79	7.5%	34	68	110			
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
13-1021	Buyers and Purchasing Agents, Farm Products	n	n	n	n	n	n	n	Bachelor's degree	None	Moderate-term OJT
13-1022	Wholesale and Retail Buyers, Except Farm Products	37	36	-1	-2.7%	1	3	4	Bachelor's degree	None	Moderate-term OJT
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	115	107	-8	-7.0%	3	6	8	Bachelor's degree	None	Moderate-term OJT
13-1031	Claims Adjusters, Examiners, and Investigators	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
13-1032	Insurance Appraisers, Auto Damage	n	n	n	n	n	n	n	Postsec. non-degree award	None	Moderate-term OJT
13-1041	Compliance Officers	39	44	5	12.8%	1	2	3	Bachelor's degree	None	Moderate-term OJT
13-1051	Cost Estimators	26	27	1	3.9%	1	2	3	Bachelor's degree	None	Moderate-term OJT
13-1071	Human Resources Specialists	144	151	7	4.9%	4	10	15	Bachelor's degree	None	None
13-1075	Labor Relations Specialists	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None

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13-1081	Logisticians	n	n	n	n	n	n	n	Bachelor's degree	None	None
13-1111	Management Analysts	103	114	11	10.7%	4	6	11	Bachelor's degree	Less than 5 years	None
13-1121	Meeting, Convention, and Event Planners	67	77	10	14.9%	3	5	9	Bachelor's degree	None	None
13-1131	Fundraisers	72	81	9	12.5%	2	5	8	Bachelor's degree	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	35	37	2	5.7%	1	2	3	Bachelor's degree	Less than 5 years	None
13-1151	Training and Development Specialists	108	116	8	7.4%	3	7	11	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	98	116	18	18.4%	3	7	12	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	171	185	14	8.2%	6	10	17	Bachelor's degree	None	None
13-2000	Financial Specialists	602	657	55	9.1%	18	35	59			
13-2011	Accountants and Auditors	314	340	26	8.3%	10	19	32	Bachelor's degree	None	None
13-2021	Appraisers and Assessors of Real Estate	n	n	n	n	n	n	n	Bachelor's degree	None	Long-term OJT
13-2031	Budget Analysts	n	n	n	n	n	n	n	Bachelor's degree	None	None
13-2051	Financial Analysts	89	98	9	10.1%	2	6	9	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	n	n	n	n	n	n	n	Bachelor's degree	None	Long-term OJT
13-2071	Credit Counselors	n	n	n	n	n	n	n	Bachelor's degree	None	Moderate-term OJT
13-2072	Loan Officers	53	60	7	13.2%	1	3	5	Bachelor's degree	None	Moderate-term OJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	n	n	n	n	n	n	n	Bachelor's degree	None	Moderate-term OJT
13-2082	Tax Preparers	31	35	4	12.9%	2	2	4	HS diploma/equivalent	None	Moderate-term OJT
13-2099	Financial Specialists, All Other	40	43	3	7.5%	1	2	3	Bachelor's degree	None	Moderate-term OJT
15-0000	Computer and Mathematical Occupations	1,325	1,486	161	12.2%	24	67	107			
15-1100	Computer Occupations	1,213	1,351	138	11.4%	21	62	97			
15-1111	Computer and Information Research Scientists	n	n	n	n	n	n	n	Master's degree	None	None
15-1121	Computer Systems Analysts	136	140	4	2.9%	2	6	8	Bachelor's degree	None	None
15-1122	Information Security Analysts	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
15-1131	Computer Programmers	99	89	-10	-10.1%	2	4	5	Bachelor's degree	None	None
15-1132	Software Developers, Applications	352	441	89	25.3%	5	20	34	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	64	76	12	18.8%	1	3	5	Bachelor's degree	None	None
15-1134	Web Developers	94	106	12	12.8%	2	5	8	Associate's degree	None	None
15-1141	Database Administrators	48	52	4	8.3%	1	2	3	Bachelor's degree	None	None
15-1142	Network and Computer Systems Administrators	138	145	7	5.1%	2	7	10	Bachelor's degree	None	None
15-1143	Computer Network Architects	n	n	n	n	n	n	n	Bachelor's degree	5 years or more	None
15-1151	Computer User Support Specialists	183	197	14	7.7%	4	10	15	Some college, no degree	None	None
15-1152	Computer Network Support Specialists	n	n	n	n	n	n	n	Associate's degree	None	None
15-1199	Computer Occupations, All Other	51	54	3	5.9%	1	2	3	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	112	135	23	20.5%	3	5	10			
15-2031	Operations Research Analysts	n	n	n	n	n	n	n	Bachelor's degree	None	None
15-2041	Statisticians	n	n	n	n	n	n	n	Master's degree	None	None
15-2091	Mathematical Technicians	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-0000	Architecture and Engineering Occupations	974	1,045	71	7.3%	26	46	79			
17-1000	Architects, Surveyors, and Cartographers	150	169	19	12.7%	4	6	12			
17-1011	Architects, Except Landscape and Naval	31	33	2	6.5%	1	1	2	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	n	n	n	n	n	n	n	Bachelor's degree	None	Internship/residency
17-1021	Cartographers and Photogrammetrists	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-1022	Surveyors	50	55	5	10.0%	2	2	4	Bachelor's degree	None	Internship/residency
17-2000	Engineers	514	553	39	7.6%	12	22	38			
17-2031	Biomedical Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-2041	Chemical Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-2051	Civil Engineers	74	81	7	9.5%	2	4	7	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-2071	Electrical Engineers	47	51	4	8.5%	1	2	3	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-2081	Environmental Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None

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17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-2112	Industrial Engineers	93	102	9	9.7%	2	4	7	Bachelor's degree	None	None
17-2131	Materials Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None
17-2141	Mechanical Engineers	217	232	15	6.9%	5	9	16	Bachelor's degree	None	None
17-2199	Engineers, All Other	35	36	1	2.9%	1	1	2	Bachelor's degree	None	None
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	310	323	13	4.2%	10	18	29			
17-3011	Architectural and Civil Drafters	n	n	n	n	n	n	n	Associate's degree	None	None
17-3012	Electrical and Electronics Drafters	n	n	n	n	n	n	n	Associate's degree	None	None
17-3013	Mechanical Drafters	n	n	n	n	n	n	n	Associate's degree	None	None
17-3019	Drafters, All Other	n	n	n	n	n	n	n	Associate's degree	None	None
17-3022	Civil Engineering Technicians	n	n	n	n	n	n	n	Associate's degree	None	None
17-3023	Electrical and Electronics Engineering Technicians	53	52	-1	-1.9%	2	3	5	Associate's degree	None	None
17-3026	Industrial Engineering Technicians	37	37	0	0.0%	1	2	3	Associate's degree	None	None
17-3027	Mechanical Engineering Technicians	111	116	5	4.5%	4	6	10	Associate's degree	None	None
17-3029	Engineering Technicians, Except Drafters, All Other	26	26	0	0.0%	1	1	2	Associate's degree	None	None
17-3031	Surveying and Mapping Technicians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
19-0000	Life, Physical, and Social Science Occupations	1,125	1,231	106	9.4%	27	75	113			
19-1000	Life Scientists	492	550	58	11.8%	10	33	49			
19-1013	Soil and Plant Scientists	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-1021	Biochemists and Biophysicists	58	68	10	17.2%	1	4	6	Doctoral/professional degree	None	None
19-1022	Microbiologists	31	35	4	12.9%	1	2	3	Bachelor's degree	None	None
19-1023	Zoologists and Wildlife Biologists	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-1029	Biological Scientists, All Other	24	28	4	16.7%	0	2	2	Bachelor's degree	None	None
19-1031	Conservation Scientists	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-1032	Foresters	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-1041	Epidemiologists	n	n	n	n	n	n	n	Master's degree	None	None
19-1042	Medical Scientists, Except Epidemiologists	337	374	37	11.0%	7	23	34	Doctoral/professional degree	None	None
19-1099	Life Scientists, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-2000	Physical Scientists	169	179	10	5.9%	4	11	16			
19-2011	Astronomers	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
19-2012	Physicists	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
19-2021	Atmospheric and Space Scientists	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-2031	Chemists	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-2032	Materials Scientists	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-2043	Hydrologists	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	46	47	1	2.2%	1	3	4	Bachelor's degree	None	None
19-3000	Social Scientists and Related Workers	87	95	8	9.2%	2	4	7			
19-3011	Economists	n	n	n	n	n	n	n	Master's degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	53	59	6	11.3%	1	2	4	Doctoral/professional degree	None	Internship/residency
19-3039	Psychologists, All Other	n	n	n	n	n	n	n	Master's degree	None	Internship/residency
19-3051	Urban and Regional Planners	n	n	n	n	n	n	n	Master's degree	None	None
19-3091	Anthropologists and Archeologists	n	n	n	n	n	n	n	Master's degree	None	None
19-3092	Geographers	n	n	n	n	n	n	n	Bachelor's degree	None	None
19-3094	Political Scientists	n	n	n	n	n	n	n	Master's degree	None	None
19-4000	Life, Physical, and Social Science Technicians	377	407	30	8.0%	12	27	42			
19-4021	Biological Technicians	263	286	23	8.8%	7	19	28	Bachelor's degree	None	None
19-4031	Chemical Technicians	26	28	2	7.7%	1	2	3	Associate's degree	None	Moderate-term OJT
19-4061	Social Science Research Assistants	10	11	1	10.0%	0	1	1	Bachelor's degree	None	None
19-4091	Environmental Science and Protection Technicians, Including Health	17	18	1	5.9%	1	1	2	Associate's degree	None	None

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19-4093	Forest and Conservation Technicians	35	37	2	5.7%	1	3	4	Associate's degree	None	None
19-4099	Life, Physical, and Social Science Technicians, All Other	26	27	1	3.9%	1	2	3	Associate's degree	None	None
21-0000	Community and Social Service Occupations	823	946	123	15.0%	36	60	108			
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	700	813	113	16.1%	30	51	92			
21-1011	Substance Abuse and Behavioral Disorder Counselors	17	21	4	23.5%	1	1	2	Bachelor's degree	None	None
21-1012	Educational, Guidance, School, and Vocational Counselors	105	115	10	9.5%	4	7	12	Master's degree	None	None
21-1014	Mental Health Counselors	49	58	9	18.4%	2	4	7	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	15	16	1	6.7%	1	1	2	Master's degree	None	None
21-1019	Counselors, All Other	56	66	10	17.9%	2	4	7	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	42	49	7	16.7%	2	3	6	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	58	68	10	17.2%	2	4	7	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	7	7	0	0.0%	0	0	0	Master's degree	None	Internship/residency
21-1029	Social Workers, All Other	5	6	1	20.0%	0	0	0	Bachelor's degree	None	None
21-1091	Health Educators	25	28	3	12.0%	1	2	3	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	23	24	1	4.4%	1	1	2	Bachelor's degree	None	Short-term OJT
21-1093	Social and Human Service Assistants	244	290	46	18.9%	12	19	36	HS diploma/equivalent	None	Short-term OJT
21-1094	Community Health Workers	5	7	2	40.0%	0	0	0	HS diploma/equivalent	None	Short-term OJT
21-1099	Community and Social Service Specialists, All Other	49	58	9	18.4%	2	4	7	Bachelor's degree	None	None
21-2000	Religious Workers	123	133	10	8.1%	6	9	16			
21-2011	Clergy	64	69	5	7.8%	3	4	7	Bachelor's degree	None	Moderate-term OJT
21-2021	Directors, Religious Activities and Education	49	54	5	10.2%	2	4	6	Bachelor's degree	Less than 5 years	None
21-2099	Religious Workers, All Other	10	10	0	0.0%	1	1	2	Bachelor's degree	None	None
23-0000	Legal Occupations	122	130	8	6.6%	3	4	8			
23-1000	Lawyers, Judges, and Related Workers	86	90	4	4.7%	2	2	4			
23-1011	Lawyers	65	68	3	4.6%	1	1	2	Doctoral/professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	8	9	1	12.5%	0	0	0	Doctoral/professional degree	5 years or more	Short-term OJT
23-1022	Arbitrators, Mediators, and Conciliators	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	Moderate-term OJT
23-1023	Judges, Magistrate Judges, and Magistrates	6	6	0	0.0%	0	0	0	Doctoral/professional degree	5 years or more	Short-term OJT
23-2000	Legal Support Workers	36	40	4	11.1%	1	2	3			
23-2011	Paralegals and Legal Assistants	29	33	4	13.8%	1	2	3	Associate's degree	None	None
23-2091	Court Reporters	n	n	n	n	n	n	n	Postsec. non-degree award	None	Short-term OJT
23-2099	Legal Support Workers, All Other	n	n	n	n	n	n	n	Associate's degree	None	None
25-0000	Education, Training, and Library Occupations	4,632	4,979	347	7.5%	204	198	437			
25-1000	Postsecondary Teachers	1,458	1,626	168	11.5%	56	59	132			
25-1011	Business Teachers, Postsecondary	126	144	18	14.3%	5	5	12	Doctoral/professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1032	Engineering Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1042	Biological Science Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1052	Chemistry Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1053	Environmental Science Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1054	Physics Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1061	Anthropology and Archeology Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1063	Economics Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1064	Geography Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1065	Political Science Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1067	Sociology Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
25-1069	Social Sciences Teachers, Postsecondary, All Other	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	Less than 5 years	None
25-1072	Nursing Instructors and Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	Less than 5 years	None
25-1081	Education Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	Less than 5 years	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1113	Social Work Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	n	n	n	n	n	n	n	Master's degree	None	None
25-1122	Communications Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1123	English Language and Literature Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1125	History Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-1194	Vocational Education Teachers, Postsecondary	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
25-1199	Postsecondary Teachers, All Other	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	1,684	1,766	82	4.9%	59	70	137			
25-2011	Preschool Teachers, Except Special Education	287	317	30	10.5%	13	16	32	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	42	44	2	4.8%	2	2	4	Bachelor's degree	None	None
25-2021	Elementary School Teachers, Except Special Education	424	440	16	3.8%	14	16	32	Bachelor's degree	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	316	328	12	3.8%	11	12	24	Bachelor's degree	None	None
25-2023	Career/Technical Education Teachers, Middle School	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	410	426	16	3.9%	13	16	31	Bachelor's degree	None	None
25-2032	Career/Technical Education Teachers, Secondary School	34	35	1	2.9%	1	1	2	Bachelor's degree	Less than 5 years	None
25-2051	Special Education Teachers, Preschool	n	n	n	n	n	n	n	Bachelor's degree	None	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	69	71	2	2.9%	2	3	5	Bachelor's degree	None	None
25-2053	Special Education Teachers, Middle School	51	53	2	3.9%	2	2	4	Bachelor's degree	None	None
25-2054	Special Education Teachers, Secondary School	n	n	n	n	n	n	n	Bachelor's degree	None	None
25-3000	Other Teachers and Instructors	352	386	34	9.7%	22	17	42			
25-3021	Self-Enrichment Education Teachers	93	108	15	16.1%	6	5	13	HS diploma/equivalent	Less than 5 years	None
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	29	32	3	10.3%	2	1	3	Bachelor's degree	None	None
25-3098	Substitute Teachers	230	246	16	7.0%	14	11	27	Bachelor's degree	None	None
25-4000	Librarians, Curators, and Archivists	310	329	19	6.1%	20	14	36			
25-4011	Archivists	n	n	n	n	n	n	n	Master's degree	None	None
25-4012	Curators	n	n	n	n	n	n	n	Master's degree	None	None
25-4013	Museum Technicians and Conservators	n	n	n	n	n	n	n	Bachelor's degree	None	None
25-4021	Librarians	156	165	9	5.8%	9	6	16	Master's degree	None	None
25-4031	Library Technicians	123	130	7	5.7%	10	6	17	Postsec. non-degree award	None	None
25-9000	Other Education, Training, and Library Occupations	828	872	44	5.3%	46	38	88			
25-9011	Audio-Visual and Multimedia Collections Specialists	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
25-9031	Instructional Coordinators	76	84	8	10.5%	4	3	8	Master's degree	5 years or more	None
25-9041	Teacher Assistants	682	713	31	4.6%	38	32	73	Some college, no degree	None	None
25-9099	Education, Training, and Library Workers, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,380	1,476	96	7.0%	60	84	154			
27-1000	Art and Design Workers	195	205	10	5.1%	7	11	19			
27-1011	Art Directors	n	n	n	n	n	n	n	Bachelor's degree	5 years or more	None
27-1012	Craft Artists	18	19	1	5.6%	1	0	1	No formal education	None	Long-term OJT
27-1014	Multimedia Artists and Animators	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-1019	Artists and Related Workers, All Other	n	n	n	n	n	n	n	No formal education	None	Long-term OJT
27-1021	Commercial and Industrial Designers	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-1022	Fashion Designers	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-1023	Floral Designers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT

Grafton County Long-term Occupational Projections, 2016 to 2026											
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27-1024	Graphic Designers	108	113	5	4.6%	4	6	10	Bachelor's degree	None	None
27-1025	Interior Designers	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-1026	Merchandise Displayers and Window Trimmers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
27-1027	Set and Exhibit Designers	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-1029	Designers, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-2000	Entertainers and Performers, Sports and Related Workers	526	574	48	9.1%	29	36	70			
27-2011	Actors	n	n	n	n	n	n	n	Some college, no degree	None	Long-term OJT
27-2012	Producers and Directors	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	None
27-2022	Coaches and Scouts	326	362	36	11.0%	19	26	49	Bachelor's degree	None	None
27-2041	Music Directors and Composers	31	32	1	3.2%	2	1	3	Bachelor's degree	Less than 5 years	None
27-2042	Musicians and Singers	23	25	2	8.7%	1	1	2	No formal education	None	Long-term OJT
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
27-3000	Media and Communication Workers	551	585	34	6.2%	20	31	54			
27-3011	Radio and Television Announcers	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-3031	Public Relations Specialists	186	200	14	7.5%	5	13	19	Bachelor's degree	None	None
27-3041	Editors	75	78	3	4.0%	2	5	7	Bachelor's degree	Less than 5 years	None
27-3042	Technical Writers	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 years	Short-term OJT
27-3043	Writers and Authors	223	241	18	8.1%	10	10	22	Bachelor's degree	None	Long-term OJT
27-3091	Interpreters and Translators	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-4000	Media and Communication Equipment Workers	108	112	4	3.7%	4	6	10			
27-4011	Audio and Video Equipment Technicians	n	n	n	n	n	n	n	Postsec. non-degree award	None	Short-term OJT
27-4012	Broadcast Technicians	n	n	n	n	n	n	n	Associate's degree	None	Short-term OJT
27-4021	Photographers	42	44	2	4.8%	2	2	4	HS diploma/equivalent	None	Long-term OJT
27-4031	Camera Operators, Television, Video, and Motion Picture	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-4032	Film and Video Editors	n	n	n	n	n	n	n	Bachelor's degree	None	None
27-4099	Media and Communication Equipment Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
29-0000	Healthcare Practitioners and Technical Occupations	5,771	6,653	882	15.3%	159	150	397			
29-1000	Health Diagnosing and Treating Practitioners	4,235	4,928	693	16.4%	112	94	275			
29-1021	Dentists, General	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
29-1022	Oral and Maxillofacial Surgeons	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1031	Dietitians and Nutritionists	41	48	7	17.1%	1	1	3	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
29-1051	Pharmacists	111	120	9	8.1%	3	2	6	Doctoral/professional degree	None	None
29-1061	Anesthesiologists	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1062	Family and General Practitioners	164	187	23	14.0%	3	2	7	Doctoral/professional degree	None	Internship/residency
29-1063	Internists, General	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1064	Obstetricians and Gynecologists	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1065	Pediatricians, General	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1066	Psychiatrists	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1067	Surgeons	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1069	Physicians and Surgeons, All Other	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1071	Physician Assistants	82	113	31	37.8%	2	4	9	Master's degree	None	None
29-1081	Podiatrists	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency
29-1122	Occupational Therapists	127	158	31	24.4%	3	4	10	Master's degree	None	None
29-1123	Physical Therapists	172	220	48	27.9%	4	4	13	Doctoral/professional degree	None	None
29-1124	Radiation Therapists	n	n	n	n	n	n	n	Associate's degree	None	None
29-1125	Recreational Therapists	n	n	n	n	n	n	n	Bachelor's degree	None	None
29-1126	Respiratory Therapists	n	n	n	n	n	n	n	Associate's degree	None	None
29-1127	Speech-Language Pathologists	43	49	6	14.0%	1	1	3	Master's degree	None	Internship/residency
29-1128	Exercise Physiologists	n	n	n	n	n	n	n	Bachelor's degree	None	None
29-1129	Therapists, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None
29-1131	Veterinarians	38	46	8	21.1%	1	1	3	Doctoral/professional degree	None	None

Grafton County Long-term Occupational Projections, 2016 to 2026											
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29-1141	Registered Nurses	2,356	2,684	328	13.9%	72	55	160	Bachelor's degree	None	None
29-1151	Nurse Anesthetists	n	n	n	n	n	n	n	Master's degree	None	None
29-1161	Nurse Midwives	n	n	n	n	n	n	n	Master's degree	None	None
29-1171	Nurse Practitioners	n	n	n	n	n	n	n	Master's degree	None	None
29-1181	Audiologists	n	n	n	n	n	n	n	Doctoral/professional degree	None	None
29-1199	Health Diagnosing and Treating Practitioners, All Other	n	n	n	n	n	n	n	Master's degree	None	None
29-2000	Health Technologists and Technicians	1,409	1,580	171	12.1%	44	52	113			
29-2011	Medical and Clinical Laboratory Technologists	105	115	10	9.5%	3	3	7	Bachelor's degree	None	None
29-2012	Medical and Clinical Laboratory Technicians	n	n	n	n	n	n	n	Associate's degree	None	None
29-2021	Dental Hygienists	n	n	n	n	n	n	n	Associate's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	n	n	n	n	n	n	n	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	n	n	n	n	n	n	n	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	n	n	n	n	n	n	n	Associate's degree	None	None
29-2034	Radiologic Technologists	159	177	18	11.3%	4	4	10	Associate's degree	None	None
29-2035	Magnetic Resonance Imaging Technologists	32	36	4	12.5%	1	1	2	Associate's degree	Less than 5 years	None
29-2041	Emergency Medical Technicians and Paramedics	124	143	19	15.3%	2	6	10	Postsec. non-degree award	None	None
29-2051	Dietetic Technicians	n	n	n	n	n	n	n	Associate's degree	None	None
29-2052	Pharmacy Technicians	174	193	19	10.9%	6	8	16	HS diploma/equivalent	None	Moderate-term OJT
29-2054	Respiratory Therapy Technicians	n	n	n	n	n	n	n	Associate's degree	None	None
29-2055	Surgical Technologists	152	168	16	10.5%	5	7	14	Postsec. non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	83	98	15	18.1%	3	4	9	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	n	n	n	n	n	n	n	Postsec. non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	194	216	22	11.3%	7	7	16	Postsec. non-degree award	None	None
29-2071	Medical Records and Health Information Technicians	114	127	13	11.4%	4	4	9	Postsec. non-degree award	None	None
29-2081	Opticians, Dispensing	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
29-2091	Orthotists and Prosthetists	n	n	n	n	n	n	n	Master's degree	None	Internship/residency
29-2099	Health Technologists and Technicians, All Other	53	60	7	13.2%	2	2	5	Postsec. non-degree award	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	127	145	18	14.2%	3	4	9			
29-9011	Occupational Health and Safety Specialists	n	n	n	n	n	n	n	Bachelor's degree	None	None
29-9012	Occupational Health and Safety Technicians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
29-9091	Athletic Trainers	37	45	8	21.6%	1	1	3	Bachelor's degree	None	None
29-9092	Genetic Counselors	n	n	n	n	n	n	n	Master's degree	None	None
29-9099	Healthcare Practitioners and Technical Workers, All Other	57	64	7	12.3%	1	2	4	Postsec. non-degree award	None	None
31-0000	Healthcare Support Occupations	1,504	1,743	239	15.9%	92	89	205			
31-1000	Nursing, Psychiatric, and Home Health Aides	778	871	93	12.0%	50	42	101			
31-1011	Home Health Aides	64	94	30	46.9%	5	4	12	HS diploma/equivalent	None	Short-term OJT
31-1014	Nursing Assistants	670	730	60	9.0%	42	35	83	Postsec. non-degree award	None	None
31-1015	Orderlies	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	89	115	26	29.2%	5	7	15			
31-2011	Occupational Therapy Assistants	n	n	n	n	n	n	n	Associate's degree	None	None
31-2012	Occupational Therapy Aides	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
31-2021	Physical Therapist Assistants	46	60	14	30.4%	2	4	7	Associate's degree	None	None
31-2022	Physical Therapist Aides	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
31-9000	Other Healthcare Support Occupations	637	757	120	18.8%	37	40	89			
31-9011	Massage Therapists	100	116	16	16.0%	7	4	13	Postsec. non-degree award	None	None
31-9091	Dental Assistants	65	77	12	18.5%	4	4	9	Postsec. non-degree award	None	None
31-9092	Medical Assistants	196	250	54	27.6%	10	14	29	Postsec. non-degree award	None	None
31-9093	Medical Equipment Preparers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
31-9094	Medical Transcriptionists	n	n	n	n	n	n	n	Postsec. non-degree award	None	None
31-9095	Pharmacy Aides	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	26	30	4	15.4%	2	3	5	HS diploma/equivalent	None	Short-term OJT
31-9097	Phlebotomists	n	n	n	n	n	n	n	Postsec. non-degree award	None	None

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31-9099	Healthcare Support Workers, All Other	44	49	5	11.4%	3	3	6	HS diploma/equivalent	None	None
33-0000	Protective Service Occupations	684	688	4	0.6%	30	35	65			
33-1000	Supervisors of Protective Service Workers	77	77	0	0.0%	3	3	6			
33-1011	First-Line Supervisors of Correctional Officers	24	21	-3	-12.5%	1	1	2	HS diploma/equivalent	Less than 5 years	None
33-1012	First-Line Supervisors of Police and Detectives	27	29	2	7.4%	1	1	2	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	13	14	1	7.7%	0	0	0	Postsec. non-degree award	Less than 5 years	Moderate-term OJT
33-1099	First-Line Supervisors of Protective Service Workers, All Other	13	13	0	0.0%	1	1	2	HS diploma/equivalent	Less than 5 years	None
33-2000	Fire Fighting and Prevention Workers	111	116	5	4.5%	2	5	7			
33-2011	Firefighters	109	114	5	4.6%	2	5	7	Postsec. non-degree award	None	Long-term OJT
33-2021	Fire Inspectors and Investigators	n	n	n	n	n	n	n	Postsec. non-degree award	5 years or more	Moderate-term OJT
33-2022	Forest Fire Inspectors and Prevention Specialists	n	n	n	n	n	n	n	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
33-3000	Law Enforcement Workers	318	311	-7	-2.2%	9	13	21			
33-3011	Bailiffs	12	11	-1	-8.3%	0	0	0	HS diploma/equivalent	None	Moderate-term OJT
33-3012	Correctional Officers and Jailers	105	95	-10	-9.5%	4	4	7	HS diploma/equivalent	None	Moderate-term OJT
33-3021	Detectives and Criminal Investigators	9	9	0	0.0%	0	0	0	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
33-3041	Parking Enforcement Workers	9	5	-4	-44.4%	0	0	0	HS diploma/equivalent	None	Short-term OJT
33-3051	Police and Sheriff's Patrol Officers	183	191	8	4.4%	4	7	12	HS diploma/equivalent	None	Moderate-term OJT
33-9000	Other Protective Service Workers	178	184	6	3.4%	16	14	31			
33-9011	Animal Control Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
33-9021	Private Detectives and Investigators	n	n	n	n	n	n	n	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
33-9032	Security Guards	105	106	1	1.0%	6	7	13	HS diploma/equivalent	None	Short-term OJT
33-9091	Crossing Guards	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	54	58	4	7.4%	8	6	14	No formal education	None	Short-term OJT
33-9093	Transportation Security Screeners	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
33-9099	Protective Service Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
35-0000	Food Preparation and Serving Related Occupations	5,235	5,725	490	9.4%	406	524	979			
35-1000	Supervisors of Food Preparation and Serving Workers	489	533	44	9.0%	22	48	74			
35-1011	Chefs and Head Cooks	100	109	9	9.0%	3	10	14	HS diploma/equivalent	5 years or more	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	389	424	35	9.0%	18	39	61	HS diploma/equivalent	Less than 5 years	None
35-2000	Cooks and Food Preparation Workers	1,330	1,433	103	7.7%	91	114	215			
35-2011	Cooks, Fast Food	52	49	-3	-5.8%	3	4	7	No formal education	None	Short-term OJT
35-2012	Cooks, Institution and Cafeteria	183	197	14	7.7%	11	15	27	No formal education	None	Short-term OJT
35-2014	Cooks, Restaurant	470	531	61	13.0%	29	40	75	No formal education	Less than 5 years	Moderate-term OJT
35-2015	Cooks, Short Order	154	146	-8	-5.2%	9	12	20	No formal education	None	Short-term OJT
35-2021	Food Preparation Workers	471	510	39	8.3%	39	42	85	No formal education	None	Short-term OJT
35-3000	Food and Beverage Serving Workers	2,683	2,967	284	10.6%	221	293	542			
35-3011	Bartenders	353	361	8	2.3%	17	41	59	No formal education	None	Short-term OJT
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,018	1,178	160	15.7%	97	102	215	No formal education	None	Short-term OJT
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	114	113	-1	-0.9%	14	11	25	No formal education	None	Short-term OJT
35-3031	Waiters and Waitresses	1,133	1,242	109	9.6%	88	135	234	No formal education	None	Short-term OJT
35-3041	Food Servers, Nonrestaurant	65	73	8	12.3%	5	5	11	No formal education	None	Short-term OJT
35-9000	Other Food Preparation and Serving Related Workers	733	792	59	8.1%	72	69	147			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	197	216	19	9.6%	18	16	36	No formal education	None	Short-term OJT
35-9021	Dishwashers	237	251	14	5.9%	18	19	38	No formal education	None	Short-term OJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	281	306	25	8.9%	34	32	68	No formal education	None	Short-term OJT
35-9099	Food Preparation and Serving Related Workers, All Other	18	19	1	5.6%	2	2	4	No formal education	None	Short-term OJT
37-0000	Building and Grounds Cleaning and Maintenance Occupations	2,516	2,711	195	7.8%	162	164	346			
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	169	182	13	7.7%	8	11	20			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	129	138	9	7.0%	7	8	16	HS diploma/equivalent	Less than 5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	40	44	4	10.0%	1	2	3	HS diploma/equivalent	Less than 5 years	None

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
37-2000	Building Cleaning and Pest Control Workers	1,713	1,830	117	6.8%	123	106	241			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	882	938	56	6.4%	59	57	122	No formal education	None	Short-term OJT
37-2012	Maids and Housekeeping Cleaners	822	882	60	7.3%	63	48	117	No formal education	None	Short-term OJT
37-2019	Building Cleaning Workers, All Other	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
37-2021	Pest Control Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
37-3000	Grounds Maintenance Workers	634	699	65	10.3%	31	48	85			
37-3011	Landscaping and Groundskeeping Workers	531	585	54	10.2%	26	40	71	No formal education	None	Short-term OJT
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
37-3013	Tree Trimmers and Pruners	97	108	11	11.3%	5	7	13	HS diploma/equivalent	None	Short-term OJT
39-0000	Personal Care and Service Occupations	1,914	2,266	352	18.4%	151	158	344			
39-1000	Supervisors of Personal Care and Service Workers	116	126	10	8.6%	6	5	12			
39-1021	First-Line Supervisors of Personal Service Workers	116	126	10	8.6%	6	5	12	HS diploma/equivalent	Less than 5 years	None
39-2000	Animal Care and Service Workers	97	125	28	28.9%	7	9	19			
39-2011	Animal Trainers	9	11	2	22.2%	0	1	1	HS diploma/equivalent	None	Moderate-term OJT
39-2021	Nonfarm Animal Caretakers	88	114	26	29.6%	7	8	18	HS diploma/equivalent	None	Short-term OJT
39-3000	Entertainment Attendants and Related Workers	139	151	12	8.6%	15	17	33			
39-3021	Motion Picture Projectionists	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
39-3091	Amusement and Recreation Attendants	129	141	12	9.3%	14	16	31	No formal education	None	Short-term OJT
39-3092	Costume Attendants	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
39-4000	Funeral Service Workers	14	14	0	0.0%	1	1	2			
39-4031	Morticians, Undertakers, and Funeral Directors	14	14	0	0.0%	1	1	2	Associate's degree	None	Long-term OJT
39-5000	Personal Appearance Workers	287	325	38	13.2%	20	15	39			
39-5011	Barbers	26	30	4	15.4%	1	1	2	Postsec. non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	233	265	32	13.7%	17	12	32	Postsec. non-degree award	None	None
39-5092	Manicurists and Pedicurists	28	30	2	7.1%	2	2	4	Postsec. non-degree award	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	18	21	3	16.7%	1	2	3			
39-6011	Baggage Porters and Bellhops	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
39-6012	Concierges	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
39-7000	Tour and Travel Guides	45	52	7	15.6%	4	4	9			
39-7011	Tour Guides and Escorts	45	52	7	15.6%	4	4	9	HS diploma/equivalent	None	Moderate-term OJT
39-9000	Other Personal Care and Service Workers	1,198	1,452	254	21.2%	97	105	227			
39-9011	Childcare Workers	145	158	13	9.0%	12	9	22	HS diploma/equivalent	None	Short-term OJT
39-9021	Personal Care Aides	448	632	184	41.1%	43	32	93	HS diploma/equivalent	None	Short-term OJT
39-9031	Fitness Trainers and Aerobics Instructors	398	433	35	8.8%	27	42	73	HS diploma/equivalent	None	Short-term OJT
39-9032	Recreation Workers	169	187	18	10.7%	12	18	32	HS diploma/equivalent	None	Short-term OJT
39-9041	Residential Advisors	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
39-9099	Personal Care and Service Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
41-0000	Sales and Related Occupations	5,590	5,675	85	1.5%	361	439	808			
41-1000	Supervisors of Sales Workers	731	753	22	3.0%	27	49	78			
41-1011	First-Line Supervisors of Retail Sales Workers	641	662	21	3.3%	24	44	70	HS diploma/equivalent	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	90	91	1	1.1%	3	5	8	HS diploma/equivalent	Less than 5 years	None
41-2000	Retail Sales Workers	3,586	3,593	7	0.2%	282	307	590			
41-2011	Cashiers	1,901	1,873	-28	-1.5%	177	173	347	No formal education	None	Short-term OJT
41-2021	Counter and Rental Clerks	117	124	7	6.0%	6	9	16	No formal education	None	Short-term OJT
41-2022	Parts Salespersons	68	71	3	4.4%	3	6	9	No formal education	None	Moderate-term OJT
41-2031	Retail Salespersons	1,500	1,525	25	1.7%	96	120	218	No formal education	None	Short-term OJT
41-3000	Sales Representatives, Services	586	625	39	6.7%	21	42	67			
41-3011	Advertising Sales Agents	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
41-3021	Insurance Sales Agents	218	245	27	12.4%	9	12	24	HS diploma/equivalent	None	Moderate-term OJT
41-3031	Securities, Commodities, and Financial Services Sales Agents	82	91	9	11.0%	2	6	9	Bachelor's degree	None	Moderate-term OJT
41-3041	Travel Agents	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
41-3099	Sales Representatives, Services, All Other	240	250	10	4.2%	8	21	30	HS diploma/equivalent	None	Moderate-term OJT
41-4000	Sales Representatives, Wholesale and Manufacturing	427	446	19	4.5%	14	29	45			
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	169	180	11	6.5%	6	12	19	Bachelor's degree	None	Moderate-term OJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	258	266	8	3.1%	9	18	28	HS diploma/equivalent	None	Moderate-term OJT
41-9000	Other Sales and Related Workers	260	258	-2	-0.8%	16	12	28			
41-9011	Demonstrators and Product Promoters	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
41-9012	Models	n	n	n	n	n	n	n	No formal education	None	None
41-9021	Real Estate Brokers	22	23	1	4.6%	1	1	2	HS diploma/equivalent	Less than 5 years	None
41-9022	Real Estate Sales Agents	55	57	2	3.6%	3	2	5	HS diploma/equivalent	None	Moderate-term OJT
41-9031	Sales Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	Moderate-term OJT
41-9041	Telemarketers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	140	137	-3	-2.1%	9	5	14	No formal education	None	Short-term OJT
41-9099	Sales and Related Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	None
43-0000	Office and Administrative Support Occupations	8,203	8,330	127	1.6%	430	494	937			
43-1000	Supervisors of Office and Administrative Support Workers	567	592	25	4.4%	22	33	57			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	567	592	25	4.4%	22	33	57	HS diploma/equivalent	Less than 5 years	None
43-2000	Communications Equipment Operators	20	18	-2	-10.0%	1	1	2			
43-2011	Switchboard Operators, Including Answering Service	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-2021	Telephone Operators	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-2099	Communications Equipment Operators, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-3000	Financial Clerks	1,165	1,165	0	0.0%	63	64	127			
43-3011	Bill and Account Collectors	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
43-3021	Billing and Posting Clerks	170	196	26	15.3%	8	10	21	HS diploma/equivalent	None	Moderate-term OJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	591	579	-12	-2.0%	36	28	63	Some college, no degree	None	Moderate-term OJT
43-3051	Payroll and Timekeeping Clerks	40	39	-1	-2.5%	2	2	4	HS diploma/equivalent	None	Moderate-term OJT
43-3061	Procurement Clerks	37	36	-1	-2.7%	2	2	4	HS diploma/equivalent	None	Moderate-term OJT
43-3071	Tellers	297	282	-15	-5.1%	15	19	32	HS diploma/equivalent	None	Short-term OJT
43-3099	Financial Clerks, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-4000	Information and Record Clerks	1,824	1,908	84	4.6%	100	132	240			
43-4011	Brokerage Clerks	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
43-4031	Court, Municipal, and License Clerks	35	37	2	5.7%	2	1	3	HS diploma/equivalent	None	Moderate-term OJT
43-4041	Credit Authorizers, Checkers, and Clerks	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
43-4051	Customer Service Representatives	539	564	25	4.6%	28	41	71	HS diploma/equivalent	None	Short-term OJT
43-4061	Eligibility Interviewers, Government Programs	57	59	2	3.5%	2	3	5	HS diploma/equivalent	None	Moderate-term OJT
43-4071	File Clerks	34	32	-2	-5.9%	2	2	4	HS diploma/equivalent	None	Short-term OJT
43-4081	Hotel, Motel, and Resort Desk Clerks	236	250	14	5.9%	13	24	38	HS diploma/equivalent	None	Short-term OJT
43-4111	Interviewers, Except Eligibility and Loan	200	210	10	5.0%	11	13	25	HS diploma/equivalent	None	Short-term OJT
43-4121	Library Assistants, Clerical	82	86	4	4.9%	7	5	12	HS diploma/equivalent	None	Short-term OJT
43-4131	Loan Interviewers and Clerks	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-4141	New Accounts Clerks	50	49	-1	-2.0%	2	3	5	HS diploma/equivalent	None	Moderate-term OJT
43-4151	Order Clerks	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	45	45	0	0.0%	2	3	5	Associate's degree	None	None
43-4171	Receptionists and Information Clerks	338	354	16	4.7%	22	23	47	HS diploma/equivalent	None	Short-term OJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-4199	Information and Record Clerks, All Other	50	54	4	8.0%	2	3	5	HS diploma/equivalent	None	Short-term OJT
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	1,381	1,435	54	3.9%	67	86	158			
43-5011	Cargo and Freight Agents	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-5021	Couriers and Messengers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-5031	Police, Fire, and Ambulance Dispatchers	54	57	3	5.6%	2	3	5	HS diploma/equivalent	None	Moderate-term OJT

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	91	90	-1	-1.1%	3	5	8	HS diploma/equivalent	None	Moderate-term OJT
43-5041	Meter Readers, Utilities	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-5051	Postal Service Clerks	67	73	6	9.0%	4	2	7	HS diploma/equivalent	None	Short-term OJT
43-5052	Postal Service Mail Carriers	113	122	9	8.0%	4	3	8	HS diploma/equivalent	None	Short-term OJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	3	4	1	33.3%	0	0	0	HS diploma/equivalent	None	Short-term OJT
43-5061	Production, Planning, and Expediting Clerks	82	83	1	1.2%	3	5	8	HS diploma/equivalent	None	Moderate-term OJT
43-5071	Shipping, Receiving, and Traffic Clerks	194	191	-3	-1.6%	8	12	20	HS diploma/equivalent	None	Short-term OJT
43-5081	Stock Clerks and Order Fillers	757	793	36	4.8%	42	55	101	HS diploma/equivalent	None	Short-term OJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-6000	Secretaries and Administrative Assistants	1,932	1,924	-8	-0.4%	104	101	204			
43-6011	Executive Secretaries and Executive Administrative Assistants	169	138	-31	-18.3%	8	8	13	HS diploma/equivalent	Less than 5 years	None
43-6012	Legal Secretaries	11	9	-2	-18.2%	0	0	0	HS diploma/equivalent	None	Moderate-term OJT
43-6013	Medical Secretaries	504	611	107	21.2%	30	29	70	HS diploma/equivalent	None	Moderate-term OJT
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	1,248	1,166	-82	-6.6%	65	63	120	HS diploma/equivalent	None	Short-term OJT
43-9000	Other Office and Administrative Support Workers	1,314	1,288	-26	-2.0%	72	76	145			
43-9011	Computer Operators	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
43-9021	Data Entry Keyers	72	57	-15	-20.8%	3	4	5	HS diploma/equivalent	None	Short-term OJT
43-9031	Desktop Publishers	n	n	n	n	n	n	n	Associate's degree	None	Short-term OJT
43-9041	Insurance Claims and Policy Processing Clerks	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	49	45	-4	-8.2%	2	3	5	HS diploma/equivalent	None	Short-term OJT
43-9061	Office Clerks, General	970	953	-17	-1.8%	56	55	109	HS diploma/equivalent	None	Short-term OJT
43-9071	Office Machine Operators, Except Computer	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
43-9081	Proofreaders and Copy Markers	n	n	n	n	n	n	n	Bachelor's degree	None	None
43-9199	Office and Administrative Support Workers, All Other	151	161	10	6.6%	7	10	18	HS diploma/equivalent	None	Short-term OJT
45-0000	Farming, Fishing, and Forestry Occupations	256	273	17	6.6%	10	29	41			
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	n	n	n	n	n	n	n			
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	n	n	n	n	n	n	n	HS diploma/equivalent	Less than 5 years	None
45-2000	Agricultural Workers	212	228	16	7.6%	8	25	35			
45-2011	Agricultural Inspectors	n	n	n	n	n	n	n	Bachelor's degree	None	Moderate-term OJT
45-2021	Animal Breeders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
45-2041	Graders and Sorters, Agricultural Products	13	14	1	7.7%	0	1	1	No formal education	None	Short-term OJT
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	195	15	8.3%	7	21	30	No formal education	None	Short-term OJT
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	13	13	0	0.0%	0	2	2	No formal education	None	Short-term OJT
45-4000	Forest, Conservation, and Logging Workers	n	n	n	n	n	n	n			
45-4022	Logging Equipment Operators	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
45-4023	Log Graders and Scalers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
47-0000	Construction and Extraction Occupations	1,677	1,783	106	6.3%	62	107	180			
47-1000	Supervisors of Construction and Extraction Workers	202	214	12	5.9%	7	13	21			
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	202	214	12	5.9%	7	13	21	HS diploma/equivalent	5 years or more	None
47-2000	Construction Trades Workers	1,196	1,278	82	6.9%	43	77	128			
47-2021	Brickmasons and Blockmasons	n	n	n	n	n	n	n	HS diploma/equivalent	None	Apprenticeship
47-2031	Carpenters	382	403	21	5.5%	14	22	38	HS diploma/equivalent	None	Apprenticeship
47-2044	Tile and Marble Setters	n	n	n	n	n	n	n	No formal education	None	Long-term OJT
47-2051	Cement Masons and Concrete Finishers	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT
47-2061	Construction Laborers	204	222	18	8.8%	7	14	23	No formal education	None	Short-term OJT
47-2073	Operating Engineers and Other Construction Equipment Operators	85	93	8	9.4%	3	6	10	HS diploma/equivalent	None	Moderate-term OJT
47-2111	Electricians	187	197	10	5.4%	7	14	22	HS diploma/equivalent	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	154	160	6	3.9%	5	8	14	No formal education	None	Moderate-term OJT
47-2152	Plumbers, Pipefitters, and Steamfitters	131	145	14	10.7%	5	9	15	HS diploma/equivalent	None	Apprenticeship
47-2181	Roofers	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
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47-2211	Sheet Metal Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Apprenticeship
47-2231	Solar Photovoltaic Installers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
47-3000	Helpers, Construction Trades	24	24	0	0.0%	1	2	3			
47-3012	Helpers--Carpenters	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
47-3013	Helpers--Electricians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
47-3019	Helpers, Construction Trades, All Other	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
47-4000	Other Construction and Related Workers	255	267	12	4.7%	11	15	27			
47-4011	Construction and Building Inspectors	n	n	n	n	n	n	n	HS diploma/equivalent	5 years or more	Moderate-term OJT
47-4041	Hazardous Materials Removal Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
47-4051	Highway Maintenance Workers	245	255	10	4.1%	11	14	26	HS diploma/equivalent	None	Moderate-term OJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
47-4099	Construction and Related Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
49-0000	Installation, Maintenance, and Repair Occupations	1,982	2,123	141	7.1%	72	123	209			
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	169	178	9	5.3%	6	9	16			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	169	178	9	5.3%	6	9	16	HS diploma/equivalent	Less than 5 years	None
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	160	159	-1	-0.6%	5	11	16			
49-2011	Computer, Automated Teller, and Office Machine Repairers	30	31	1	3.3%	1	2	3	Some college, no degree	None	Short-term OJT
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	n	n	n	n	n	n	n	Associate's degree	None	Moderate-term OJT
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	50	46	-4	-8.0%	2	3	5	Postsec. non-degree award	None	Moderate-term OJT
49-2092	Electric Motor, Power Tool, and Related Repairers	n	n	n	n	n	n	n	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	20	19	-1	-5.0%	0	1	1	Postsec. non-degree award	None	Long-term OJT
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	n	n	n	n	n	n	n	Postsec. non-degree award	Less than 5 years	Moderate-term OJT
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	n	n	n	n	n	n	n	Postsec. non-degree award	None	Short-term OJT
49-2098	Security and Fire Alarm Systems Installers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	638	707	69	10.8%	23	44	74			
49-3011	Aircraft Mechanics and Service Technicians	n	n	n	n	n	n	n	Postsec. non-degree award	None	None
49-3021	Automotive Body and Related Repairers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
49-3023	Automotive Service Technicians and Mechanics	273	290	17	6.2%	9	17	28	Postsec. non-degree award	None	Short-term OJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	83	90	7	8.4%	3	5	9	HS diploma/equivalent	None	Long-term OJT
49-3041	Farm Equipment Mechanics and Service Technicians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
49-3051	Motorboat Mechanics and Service Technicians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
49-3052	Motorcycle Mechanics	n	n	n	n	n	n	n	Postsec. non-degree award	None	Short-term OJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
49-3091	Bicycle Repairers	107	139	32	29.9%	5	11	19	HS diploma/equivalent	None	Moderate-term OJT
49-3093	Tire Repairers and Changers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
49-9000	Other Installation, Maintenance, and Repair Occupations	1,015	1,079	64	6.3%	38	60	104			
49-9011	Mechanical Door Repairers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	133	135	2	1.5%	4	9	13	Postsec. non-degree award	None	Long-term OJT
49-9031	Home Appliance Repairers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
49-9041	Industrial Machinery Mechanics	107	115	8	7.5%	4	6	11	HS diploma/equivalent	None	Long-term OJT
49-9043	Maintenance Workers, Machinery	29	30	1	3.5%	1	2	3	HS diploma/equivalent	None	Long-term OJT
49-9044	Millwrights	n	n	n	n	n	n	n	HS diploma/equivalent	None	Apprenticeship
49-9051	Electrical Power-Line Installers and Repairers	28	30	2	7.1%	1	2	3	HS diploma/equivalent	None	Long-term OJT
49-9052	Telecommunications Line Installers and Repairers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
49-9062	Medical Equipment Repairers	n	n	n	n	n	n	n	Associate's degree	None	Moderate-term OJT

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
49-9063	Musical Instrument Repairers and Tuners	n	n	n	n	n	n	n	HS diploma/equivalent	None	Apprenticeship
49-9071	Maintenance and Repair Workers, General	479	518	39	8.1%	20	28	52	HS diploma/equivalent	None	Moderate-term OJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
49-9094	Locksmiths and Safe Repairers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
49-9095	Manufactured Building and Mobile Home Installers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
49-9098	Helpers--Installation, Maintenance, and Repair Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
49-9099	Installation, Maintenance, and Repair Workers, All Other	60	67	7	11.7%	2	4	7	HS diploma/equivalent	None	Moderate-term OJT
51-0000	Production Occupations	3,488	3,251	-237	-6.8%	138	236	350			
51-1000	Supervisors of Production Workers	209	209	0	0.0%	7	13	20			
51-1011	First-Line Supervisors of Production and Operating Workers	209	209	0	0.0%	7	13	20	HS diploma/equivalent	Less than 5 years	None
51-2000	Assemblers and Fabricators	859	703	-156	-18.2%	37	53	74			
51-2021	Coil Winders, Tapers, and Finishers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-2022	Electrical and Electronic Equipment Assemblers	99	77	-22	-22.2%	4	6	8	HS diploma/equivalent	None	Moderate-term OJT
51-2023	Electromechanical Equipment Assemblers	395	312	-83	-21.0%	18	23	33	HS diploma/equivalent	None	Moderate-term OJT
51-2031	Engine and Other Machine Assemblers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-2041	Structural Metal Fabricators and Fitters	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-2092	Team Assemblers	291	252	-39	-13.4%	12	20	28	HS diploma/equivalent	None	Moderate-term OJT
51-2099	Assemblers and Fabricators, All Other	25	21	-4	-16.0%	1	2	3	HS diploma/equivalent	None	Moderate-term OJT
51-3000	Food Processing Workers	153	163	10	6.5%	8	12	21			
51-3011	Bakers	28	31	3	10.7%	2	2	4	No formal education	None	Long-term OJT
51-3021	Butchers and Meat Cutters	n	n	n	n	n	n	n	No formal education	None	Long-term OJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
51-3023	Slaughterers and Meat Packers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT
51-3092	Food Batchmakers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4000	Metal Workers and Plastic Workers	831	802	-29	-3.5%	26	57	80			
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	n	n	n	n	n	n	n	Postsec. non-degree award	None	Moderate-term OJT
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	69	64	-5	-7.3%	2	5	7	HS diploma/equivalent	None	Moderate-term OJT
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	67	60	-7	-10.5%	2	4	5	HS diploma/equivalent	None	Moderate-term OJT
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4041	Machinists	140	145	5	3.6%	5	9	14	HS diploma/equivalent	None	Long-term OJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4111	Tool and Die Makers	n	n	n	n	n	n	n	Postsec. non-degree award	None	Long-term OJT
51-4121	Welders, Cutters, Solderers, and Brazers	25	26	1	4.0%	1	2	3	HS diploma/equivalent	None	Moderate-term OJT
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT

Grafton County Long-term Occupational Projections, 2016 to 2026											
SOC Code	Occupation Title	2016 Estimated	2026 Projected	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
51-4194	Tool Grinders, Filers, and Sharpeners	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-4199	Metal Workers and Plastic Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-5100	Printing Workers	166	148	-18	-10.8%	6	10	14			
51-5111	Prepress Technicians and Workers	n	n	n	n	n	n	n	Postsec. non-degree award	None	None
51-5112	Printing Press Operators	157	140	-17	-10.8%	6	10	14	HS diploma/equivalent	None	Moderate-term OJT
51-5113	Print Binding and Finishing Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-6000	Textile, Apparel, and Furnishings Workers	n	n	n	n	n	n	n			
51-6011	Laundry and Dry-Cleaning Workers	83	80	-3	-3.6%	6	6	12	No formal education	None	Short-term OJT
51-6021	Pressers, Textile, Garment, and Related Materials	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
51-6031	Sewing Machine Operators	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
51-6052	Tailors, Dressmakers, and Custom Sewers	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-7000	Woodworkers	238	245	7	2.9%	10	16	27			
51-7011	Cabinetmakers and Bench Carpenters	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	97	99	2	2.1%	4	7	11	HS diploma/equivalent	None	Moderate-term OJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-8000	Plant and System Operators	n	n	n	n	n	n	n			
51-8013	Power Plant Operators	32	33	1	3.1%	1	2	3	HS diploma/equivalent	None	Long-term OJT
51-8021	Stationary Engineers and Boiler Operators	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
51-8031	Water and Wastewater Treatment Plant and System Operators	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
51-8099	Plant and System Operators, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9000	Other Production Occupations	799	754	-45	-5.6%	32	59	87			
51-9011	Chemical Equipment Operators and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9022	Grinding and Polishing Workers, Hand	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	70	74	4	5.7%	3	5	8	HS diploma/equivalent	None	Moderate-term OJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	314	275	-39	-12.4%	12	22	30	HS diploma/equivalent	None	Moderate-term OJT
51-9071	Jewelers and Precious Stone and Metal Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Long-term OJT
51-9082	Medical Appliance Technicians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9083	Ophthalmic Laboratory Technicians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9111	Packaging and Filling Machine Operators and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9151	Photographic Process Workers and Processing Machine Operators	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
51-9191	Adhesive Bonding Machine Operators and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	36	37	1	2.8%	2	3	5	HS diploma/equivalent	None	Moderate-term OJT
51-9193	Cooling and Freezing Equipment Operators and Tenders	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9194	Etchers and Engravers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
51-9198	Helpers--Production Workers	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
51-9199	Production Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
53-0000	Transportation and Material Moving Occupations	2,527	2,663	136	5.4%	129	172	315			
53-1000	Supervisors of Transportation and Material Moving Workers	58	62	4	6.9%	2	4	6			
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	14	15	1	7.1%	0	1	1	HS diploma/equivalent	Less than 5 years	None
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	44	47	3	6.8%	2	3	5	HS diploma/equivalent	Less than 5 years	None

Grafton County Long-term Occupational Projections, 2016 to 2026											
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						Exits ¹	Transfers ²	Total ³	Education	Experience	Job Training
53-3000	Motor Vehicle Operators	1,557	1,644	87	5.6%	80	91	180			
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
53-3022	Bus Drivers, School or Special Client	192	213	21	10.9%	16	8	26	HS diploma/equivalent	None	Short-term OJT
53-3031	Driver/Sales Workers	107	107	0	0.0%	4	7	11	HS diploma/equivalent	None	Short-term OJT
53-3032	Heavy and Tractor-Trailer Truck Drivers	535	559	24	4.5%	23	34	59	Postsec. non-degree award	None	Short-term OJT
53-3033	Light Truck or Delivery Services Drivers	475	509	34	7.2%	21	31	55	HS diploma/equivalent	None	Short-term OJT
53-3041	Taxi Drivers and Chauffeurs	219	222	3	1.4%	13	9	22	No formal education	None	Short-term OJT
53-3099	Motor Vehicle Operators, All Other	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
53-4000	Rail Transportation Workers	n	n	n	n	n	n	n			
53-4011	Locomotive Engineers	n	n	n	n	n	n	n	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
53-4031	Railroad Conductors and Yardmasters	n	n	n	n	n	n	n	HS diploma/equivalent	None	Moderate-term OJT
53-6000	Other Transportation Workers	n	n	n	n	n	n	n			
53-6021	Parking Lot Attendants	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
53-6031	Automotive and Watercraft Service Attendants	25	27	2	8.0%	1	3	4	No formal education	None	Short-term OJT
53-6099	Transportation Workers, All Other	n	n	n	n	n	n	n	HS diploma/equivalent	None	Short-term OJT
53-7000	Material Moving Workers	862	905	43	5.0%	45	72	121			
53-7021	Crane and Tower Operators	n	n	n	n	n	n	n	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
53-7032	Excavating and Loading Machine and Dragline Operators	56	57	1	1.8%	2	4	6	HS diploma/equivalent	Less than 5 years	Moderate-term OJT
53-7051	Industrial Truck and Tractor Operators	62	67	5	8.1%	2	5	7	No formal education	None	Short-term OJT
53-7061	Cleaners of Vehicles and Equipment	42	47	5	11.9%	2	4	6	No formal education	None	Short-term OJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	365	390	25	6.9%	19	32	53	No formal education	None	Short-term OJT
53-7063	Machine Feeders and Offbearers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
53-7064	Packers and Packagers, Hand	n	n	n	n	n	n	n	No formal education	None	Short-term OJT
53-7081	Refuse and Recyclable Material Collectors	62	66	4	6.5%	3	5	8	No formal education	None	Short-term OJT
	¹ Annual Labor Force Exits is the number of workers leaving an occupation (to go to school, start a family, or retire, for example).										
	² Annual Occupational Transfers is the number of workers leaving one occupation to go to another occupational group (such as through job change or promotion).										
	³ Total Annual Openings is the sum of Exits plus Transfers plus annual change in an occupation.										
	Sum of Exits, Transfers, and openings at the detailed occupational level may not add up to totals due to rounding										
	n = Employment data do not meet disclosure standards										
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